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SoftDev
P00 -- Move Slowly and Fix Things/Creating a website/
2021-10-27
time spent:

Scenario One: Your team has been contracted to create a collaborative storytelling game/website.

- Users will have to register to use the site.
- Logged-in users can either start a new story or add to an existing story.
- When adding to a story,
    - Users are shown only the latest update to the story, not the whole thing.
    - A user can then add some amount of text to the story.
- Once a user has added to a story, they cannot add to it again.
- When creating a new story,
    - Users get to start with any amount of text and give the story a title.
    - Logged in users will be able to read any story they have contributed to on their homepage (the landing page after login).

Database Organization:

stories:

id (INTEGER)	author_id (INTEGER)	title (TEXT)	full_story (TEXT)	last_update (TEXT)

users:

id (INTEGER)	username (TEXT)	password (TEXT)

contributions:

user_id (INTEGER)	story_id (INTEGER)

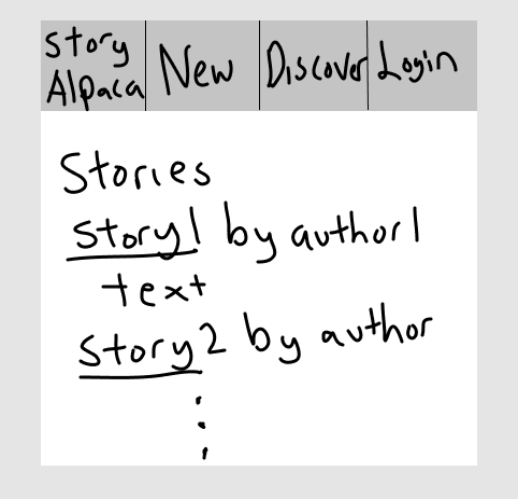
Components and Purpose:

- Templates
    - home.html: Displays a list of the logged in user's stories they contributed to
    - login.html: Contains a form with username and password input
    - register.html: Contains a form with username and password input
    - new.html: Contains a form with the story title and starting body
    - discover.html: Displays a list of stories the user hasn't contributed to
    - view.html: Display a full story and its title

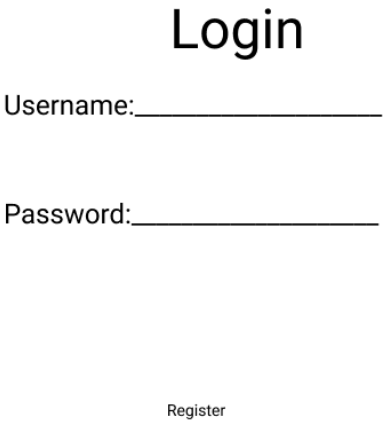
    - edit.html: Displays the latest update and has a form containing a textarea tag to continue the story
- Flask App
    - “/”: Renders home.html
    - “/logout”: Pops user_id session if exists and redirects to "/login"
    - “/login”: Handles logging in
    - “/register”: Handles creating new users
    - “/create”: Add new stories
    - “/discover”: Lists stories the user hasn’t contributed to
    - “/story/<story_id>”: Shows the entire story or allows a user to contribute to the story depending on whether or not they’ve already contributed to the story
- SQLite database
    - Relational database containing tables of stories, users, and contributions (a user and which story they’ve contributed to)jsdf

Template Representation:

Home Page:



Login Page:

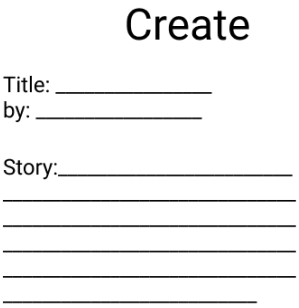


Register Page:

New Story:

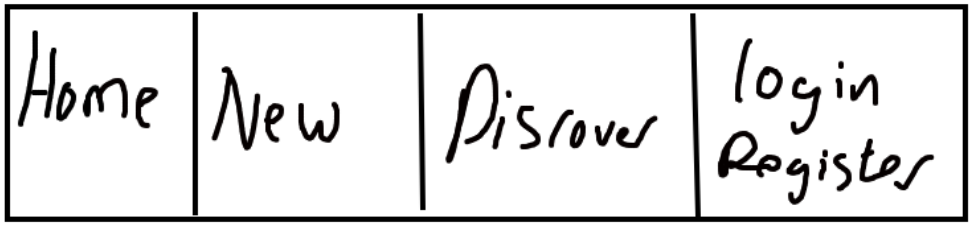
Discover:

View:



Edit Page:

Linkage: Each of the tabs seen on the homepage will go to their respective page. I.e. New goes to create a story page, discovery goes to discovering page etc. Clicking on a story with the view button from the discovery page will lead to a view page and clicking on the edit page will go to that edit page as well. The User would be able to go back with a navbar like this:



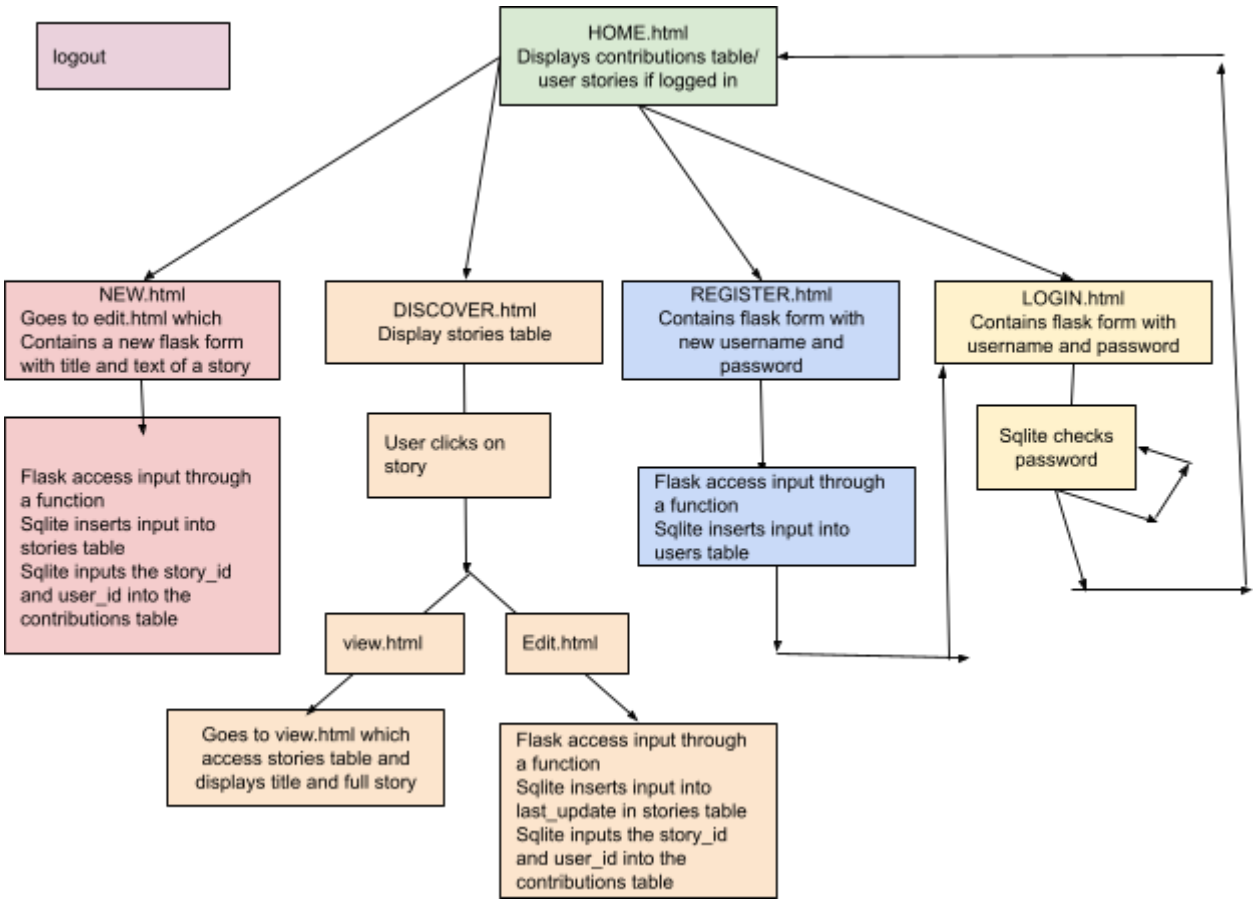
The login and register would change to logout if they are logged in already.
The Register, Login, Edit and Create pages will all have a submit button and be submitted through the enter key.

Division of Tasks:
Templates (Front End): Yoonah

SQLite database: Justin

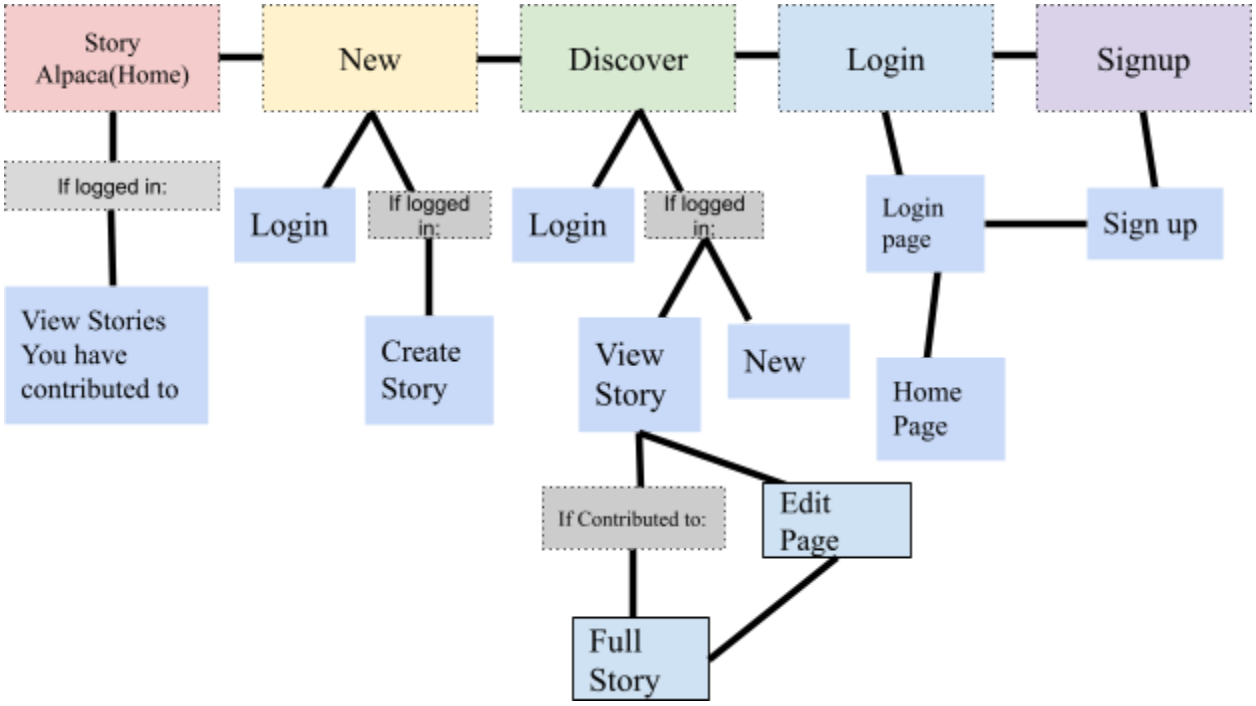
Flask App and Python: Liesel, Wen Hao

Components Map:



The solo Logout Component is to signify that you can logout from any of the pages seen.

Site Map:


Story Alpaca(Home)
New
Discover
Login
Signup
If logged in:
Login
If logged in:
Login
If logged in:
Login page
Sign up
View Stories You have contributed to
Create Story
View Story
New
Home Page
If Contributed to:
Edit Page
Full Story